66hT50" 29STTE60

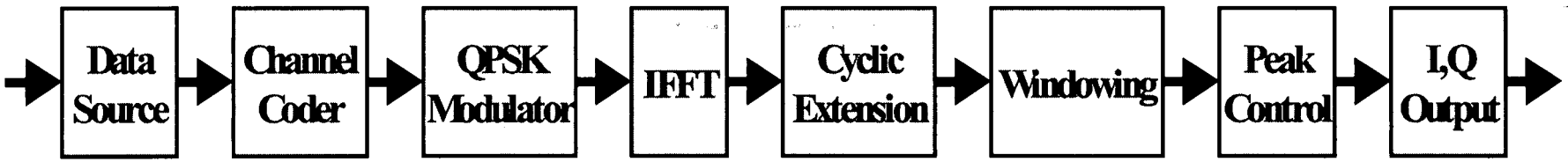


FIGURE 1

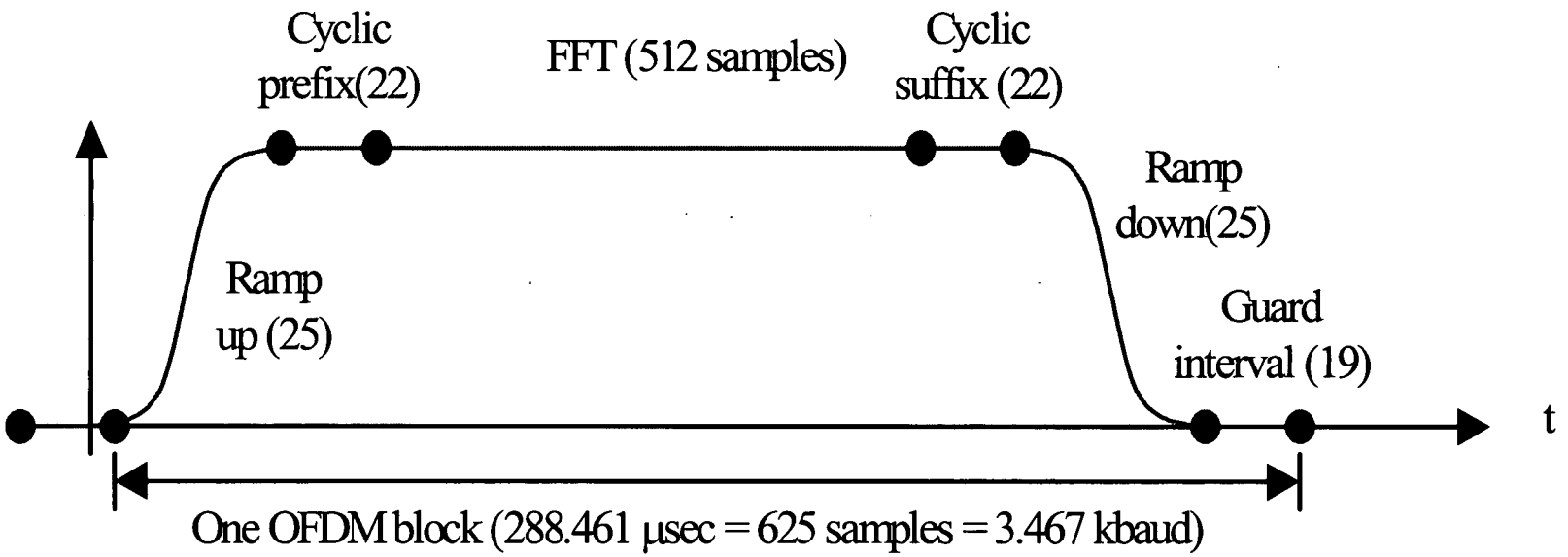

Cyclic
prefix(22)
FFT (512 samples)
Cyclic
suffix (22)
Ramp
down(25)
Ramp
up (25)
Guard
interval (19)
t
One OFDM block (288.461 μsec = 625 samples = 3.467 kbaud)

FIGURE 2

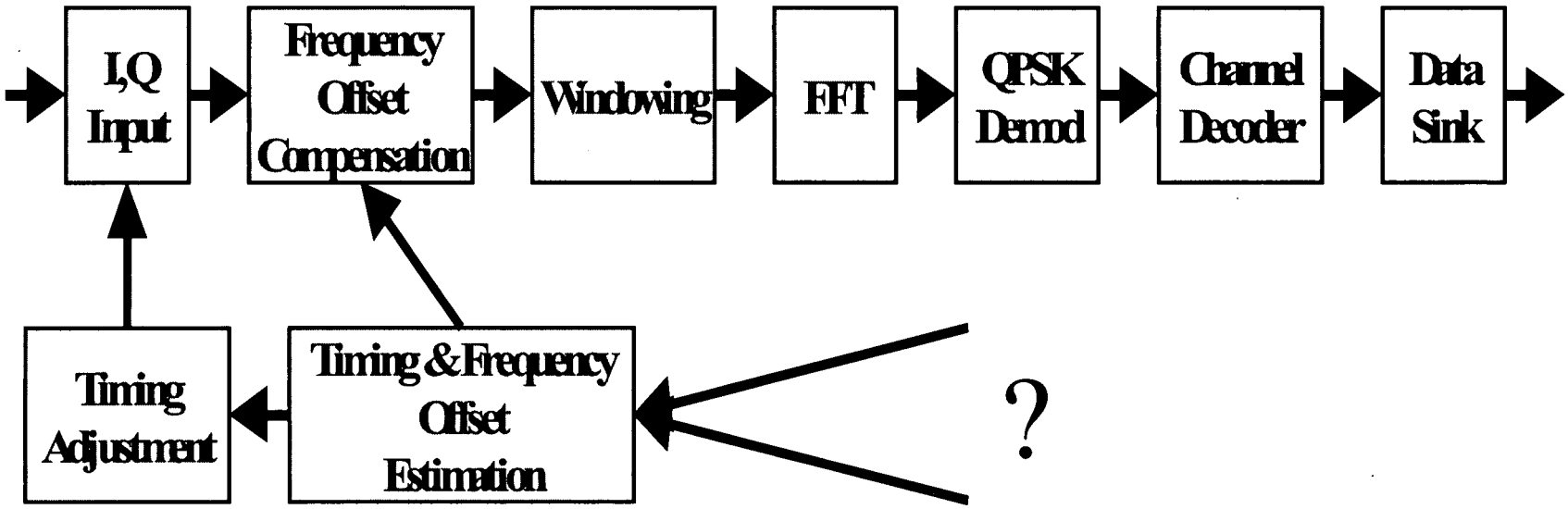

I,Q Input
Frequency Offset Compensation
Windowing
FFT
QPSK Demod
Channel Decoder
Data Sink
Timing Adjustment
Timing & Frequency Offset Estimation
?

FIGURE 3

66hT50"295TTE60

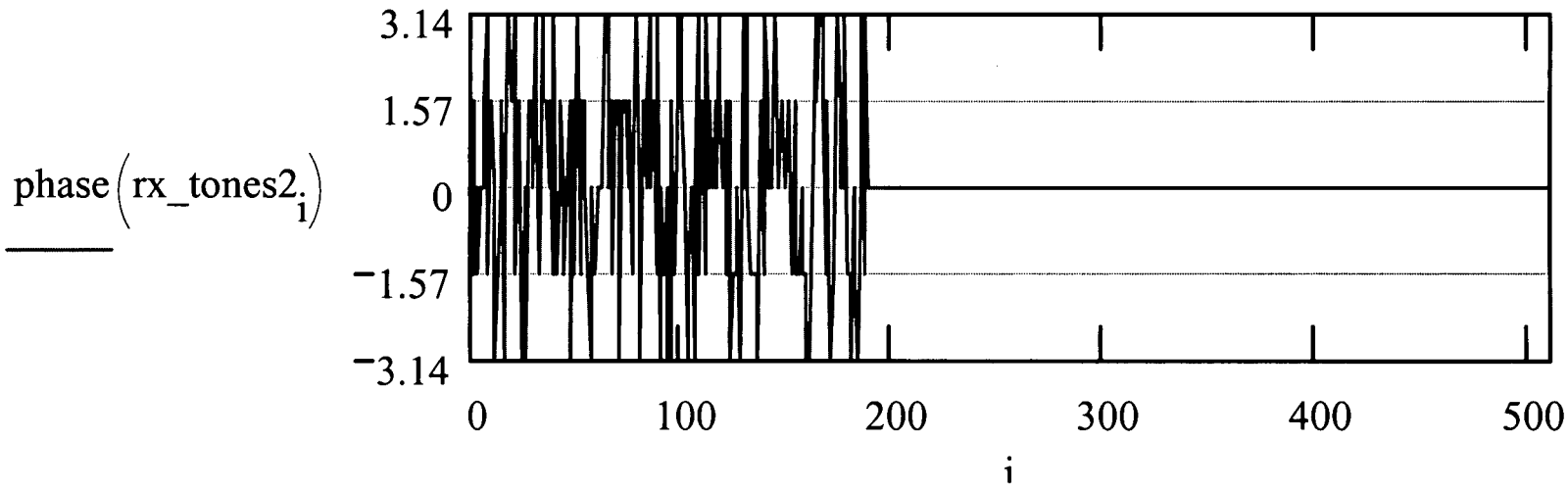


FIGURE 4

66h150" 295TE60

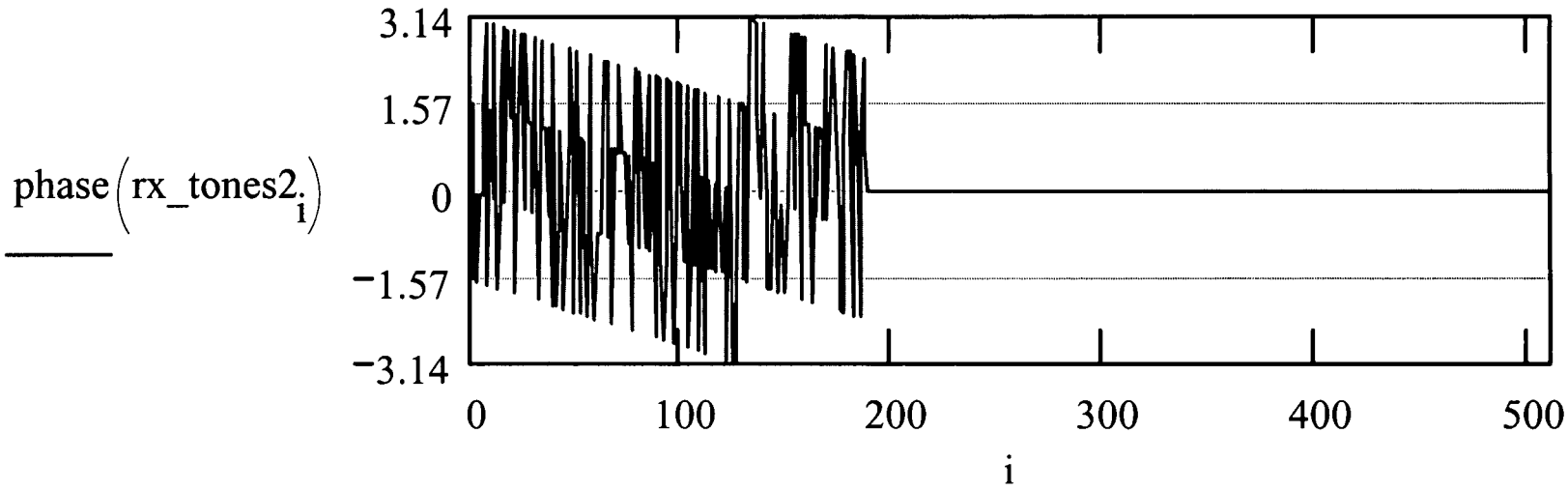


FIGURE 5

66hT50"295TTE60

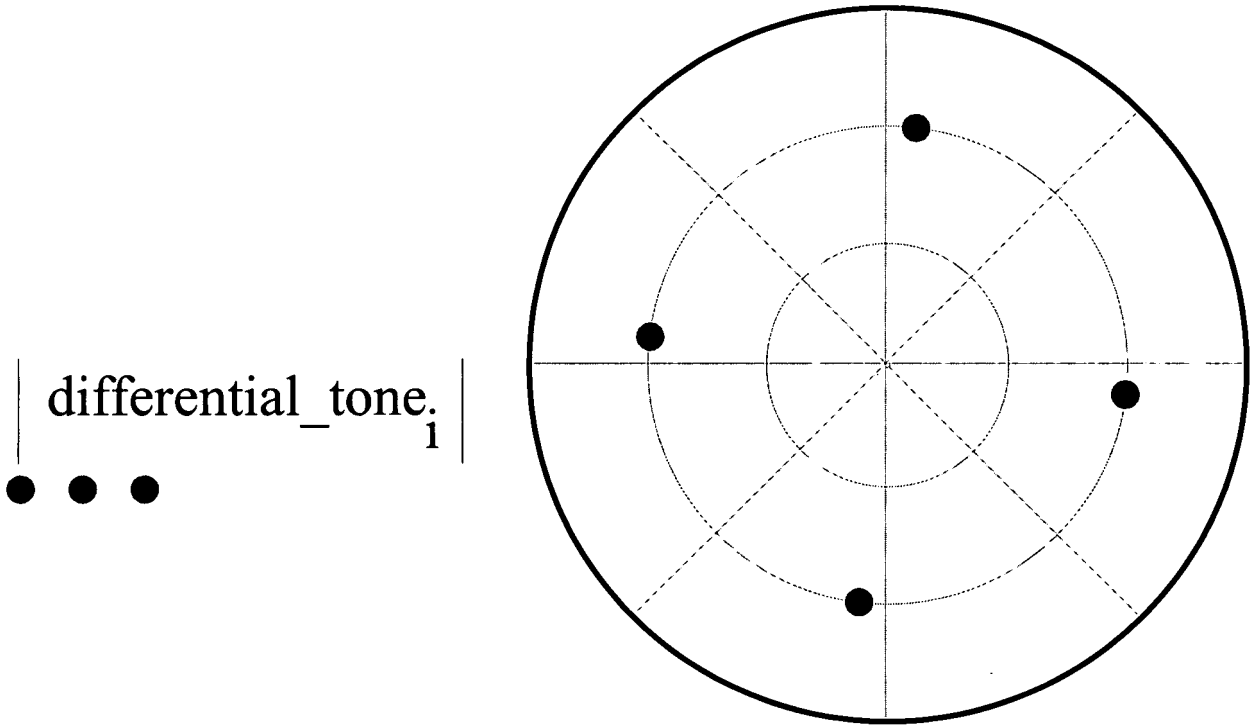
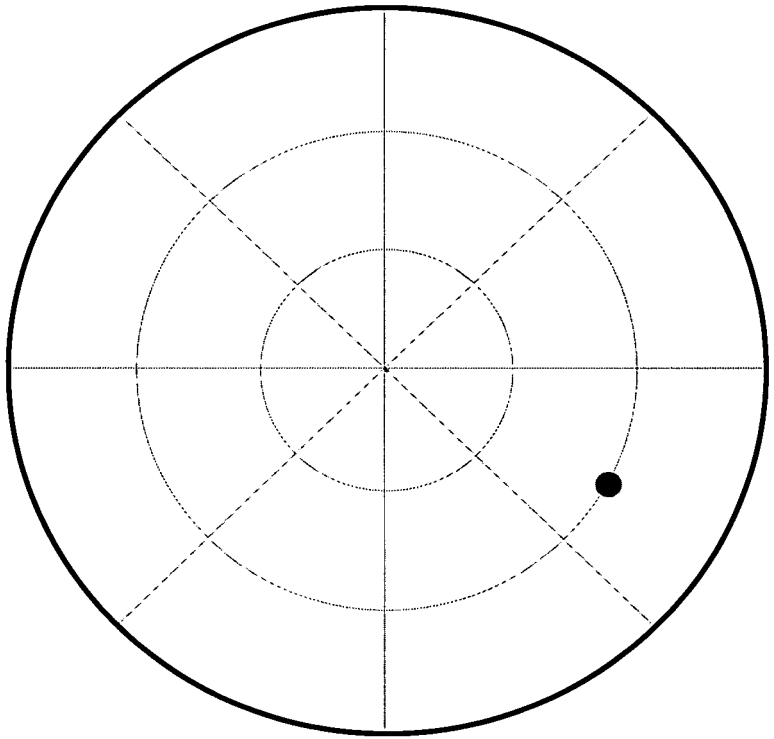


FIGURE 6

66hT50"29STTE60

$$\left| \left(\text{differential_tone}_{i} \right)^{4} \right|$$



$$\text{phase}\left[\left(\text{differential_tone}_{i} \right)^{4} \right]$$

FIGURE 7

66hT50"29STE60

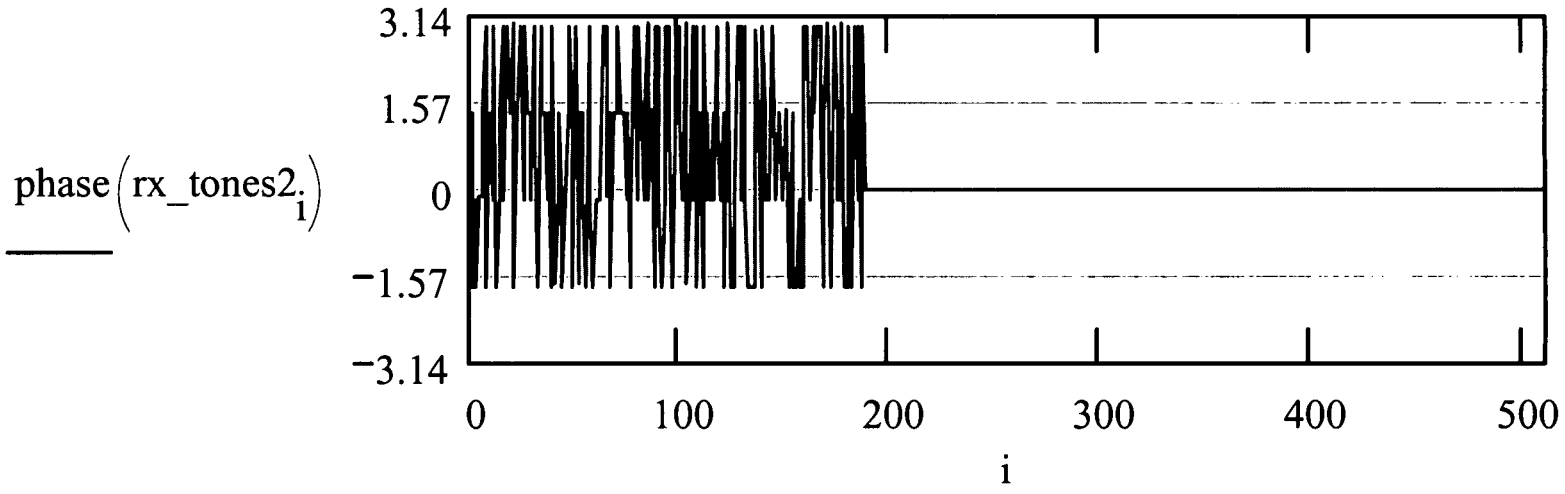


FIGURE 8

66hT50"29STTE60

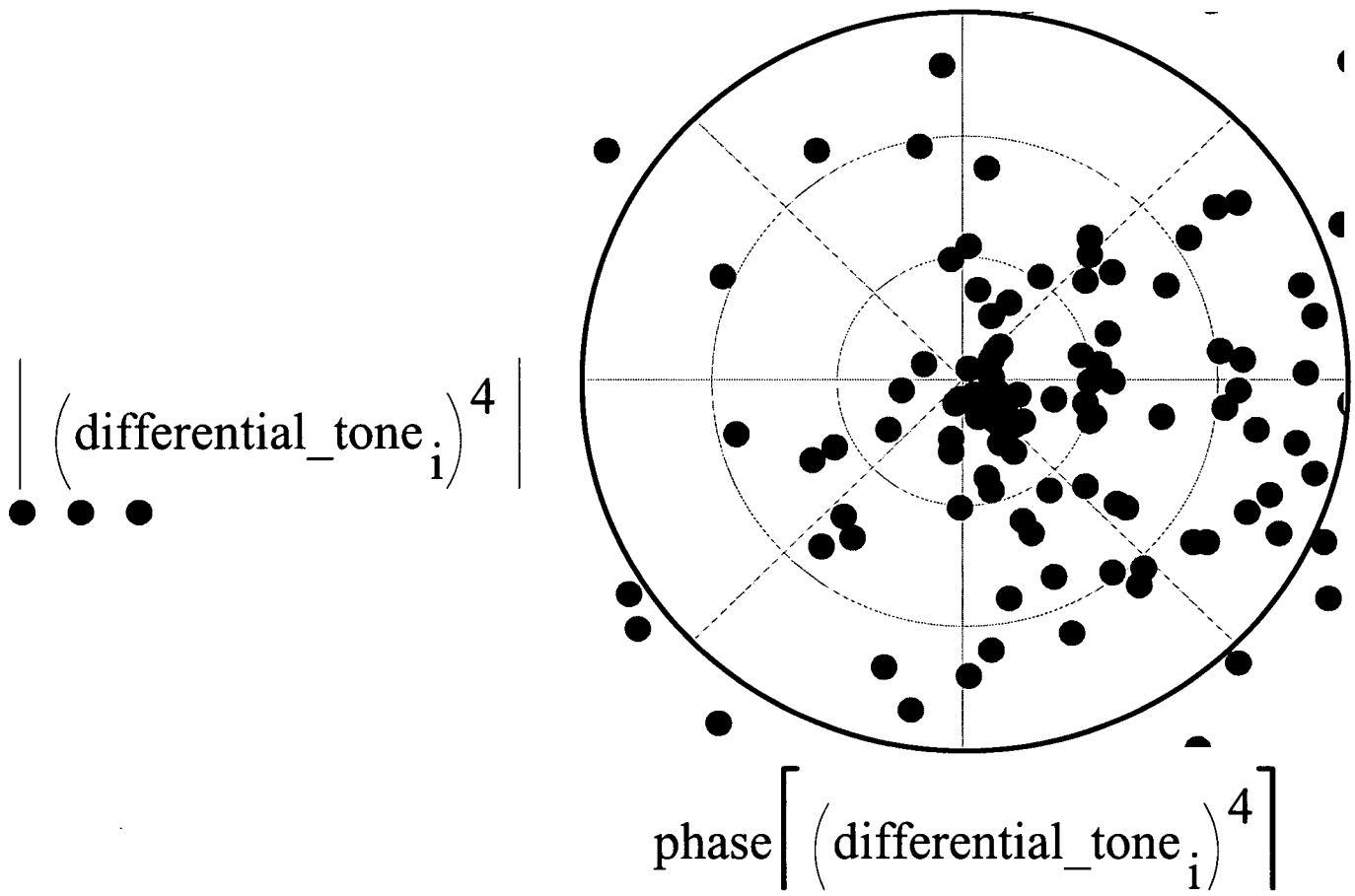


FIGURE 9

66hT50"29STT60

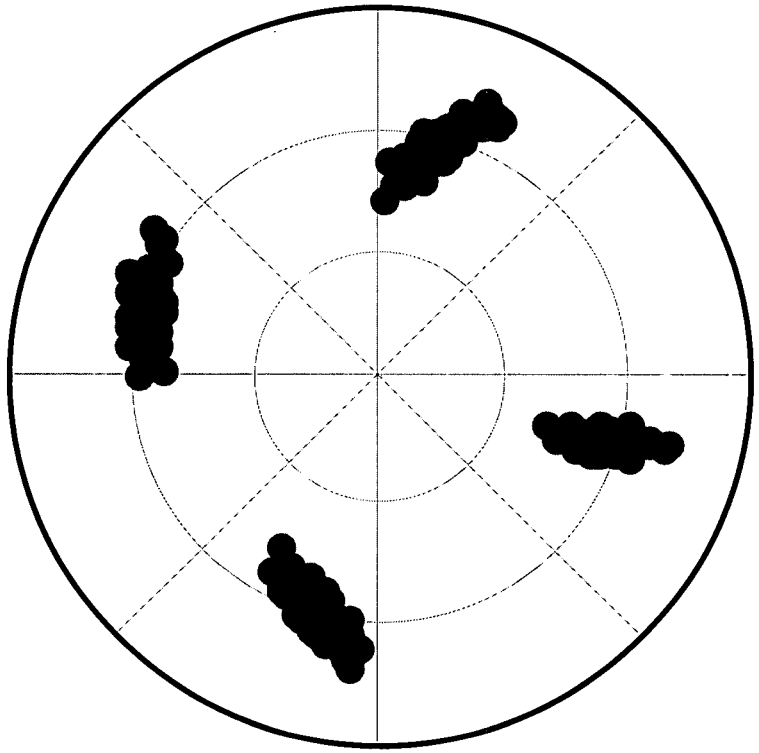


FIGURE 10

66HT50"29STE60

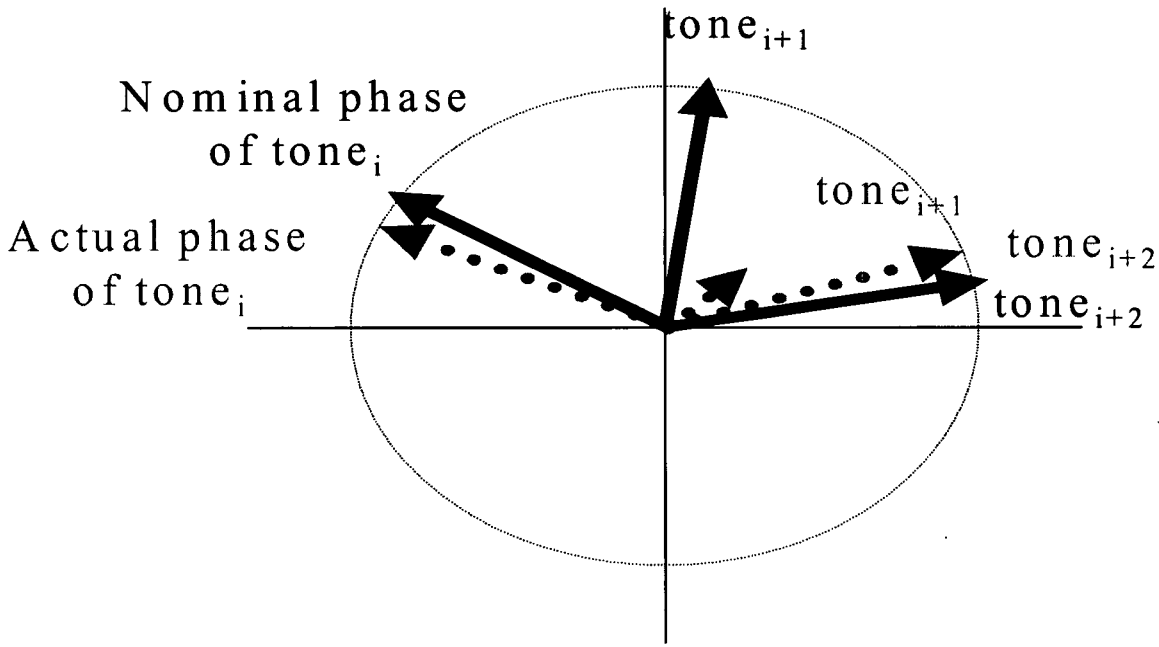


FIGURE 11